M. A. R. 57 (Rule 116) **No. E** 535901

Measurement Book

Serial No. 1st and Final Bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Lakshman. P. Contractor .....

Date of commencement of work..... D.O. Recording : 21.09.2020

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Name of work : Construction of culverts and Improvements to drains at Karaipalya Kamanahalli area in Ward No. 06 By Attavara Agrahara Sub Division.						
	Estimated Cost Rs. 15.00 Lakh						
	JOB. No : 006-19-000052						
(1)	Earthwork Excavation by Manual means ordinary						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Soil in ordinary average horizontal throw upto 2 mt at an average Lift upto 0.50, Excavated surface levelled as directed neatly dressed, the disposal earth to be levelled neatly after brady of Clods complete as per specifications:						
						a/c vide M13. p. 535982	
						If ow (1) = 133.08 m³	
						@ 132.72/m³	57,478.6
27	Providing and laying in of mix. 1:4:8 with	provide plain cement concrete				with	

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M. A. R. 57 (Rule 116) **No. E** 535902

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	10mm and down size graded granite metal Coarse aggregate @ 0.892 y^3 and fine aggregate @ 0.57 y^3 Machine mixed Concrete laid in layers not exceeding 15cms thick when compacted in foundations and plinths including curing all material, labour, hire of machinery Cuing complete as per specifications Qty made this MB - 2 nos ②						91150.00

P. no 535983 = 17.50 y^3

@ 5208.56/y^3

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	Providing and constructing grouted trap/ bench/ size stone masonry in backward with CM 1:6, Edging stone, chisel dressed in courses not less than 15 cm high, bond stones at 2m apart in each course including cutting material, labour, Curing complete as per specifications.						
	CD1 - Bharat Nagar. 1st CR	2×1	6.60	0.60	0.60	4.32 m³	
	CD2 —"— 2nd CR	2×1	5.80	0.60	0.60	4.18	
	CD3 —"— 3rd CR	2×1	5.50	0.60	0.60	3.96	
	CD4 —"— 4th CR	2×1	5.50	0.60	0.60	3.96	
	CD5 —"— 5th CR	2×1	5.20	0.60	0.60	3.74	

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M. A. R. 57 (Rule 116) **No. E** 535903

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CD6. Abdulla Majid Road	2×1	5.10	0.60	0.60	3.67 m³	
	CD7- 1st Mas	2×1	5.60	0.65	0.95	6.18	
	2nd Mas	2×1	4.80	0.60	0.95	5.47	
	3rd Mas	2×1	5.30	0.65	0.95	6.55	
	4th Mas	2×1	5.40	0.60	0.95	5.70	
	5th Mas	2×1	3.90	0.60	0.95	4.45	
	6th Mas	2×1	5.50	0.60	0.95	6.27	
					Total	58.44 m³	326447.00

Add 58.32 m³

@ 5597.52 m³

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Providing and laying in position plain cement concrete of mix 1:3:6 with approved 22 mm down size graded granite metal coarse aggregate 0.8 m³ and fine aggregate 0.5 m³, machine mixed concrete laid in layers not exceeding 15 cm, machine compacted in footings and plinth and sills, including cost of all materials, labour, hoisting, machinery, curing complete as per specifications.						
	For CD copy =						
	CD, Bharat Nagar 1st CR	1	6.00	1.80	0.10	1.08 m³	
	CD, ——— 2nd CR	1	5.50	1.80	0.12	1.25 "	

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M. A. R. 57 (Rule 116)

Measurement Book

No. E 535904

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CD3 Bhandhuja. 3rd eq	2 nos	5.50	1.80	0.10	0.99	
	CD4 —"— 4th eq	1 no	5.50	1.80	0.12	1.19	
	CD5 —"— 5th eq	1 no	5.20	1.80	0.10	0.94	
	CD6 - Abutment wing Rt	1 no	5.10	1.80	0.12	1.10	
	CD7 - 1st wing Rt	1 no	5.50	1.80	0.12	1.08	
	CD8 - 2nd —"—	1 no	4.80	1.80	0.12	1.04	
	5th —"—	1 no	5.30	1.80	0.12	1.14	
	4th wing —"—	1 no	5.50	1.80	0.12	1.08	
	5th wing	1 no	3.90	1.80	0.10	0.70	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Earth work Rev 1	1	5.50	1.80	0.12	1.19	
	for - Ramp. Col	2×1	6.30	0.60	0.15	1.13	
		2×1	6.10	0.60	0.10	0.73	
		2×1	5.80	0.60	0.15	1.04	
		2×1	5.80	0.60	0.10	0.70	
		2×1	5.50	0.60	0.12	0.79	
		2×1	5.40	0.60	0.10	0.65	
		2×1	5.30	0.60	0.15	0.95	
		2×1	5.10	0.60	0.12	0.73	
		2×1	5.60	0.60	0.10	0.67	
		2×1	5.30	0.60	0.15	0.95	
		2×1	4.20	0.60	0.15	0.76	
		2×1	5.80	0.60	0.12	0.84	
					Total	22.73 m³	
						22.68 m³ @ 5419.88/m³	Rs 122923.00

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M. A. R. 57 (Rule 116) No. E 535905

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	providg flush pointg to course of stone masonry with cm 1:3, 20mm deep after raking of joints to depth of 20mm nicely lining, including cost of material, labour curing complete as per specification.						
	CD1	2	6.40	-	0.75	9.60	
	CD2	2	5.80	-	0.90	10.44	
	CD3	2	5.50	-	0.90	9.90	
	CD4	2	5.50	-	0.90	9.90	
	CD5	2	5.20	-	0.90	9.36	
	CD6	2	5.10	-	0.90	9.18	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CD7	2×1	5.40	-	0.60	6.48 m²	
	CD8	2×1	4.80	-	0.60	5.76	
	CD9	2×1	5.30	-	0.60	6.36	
	CD10	2×1	5.00	-	0.60	6.00	
	CD11	2×1	3.90	-	0.60	4.68	
	CD12	2×1	5.50	-	0.60	6.60	
	for Repairs to CD	2×1	5.60	-	0.60	6.72	
						99.90 m²	
					Ltd to	97.20 m²	
						@ 215.41/m²	20938.00
6)	Providing pre-cast slabs of 250 mm thick including cost of all materials, labour, curing, transportation, loading etc complete as per specifications & directions of Engineer-in-						

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M. A. R. 57 (Rule 116)

No. E 535906

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	Cleaning of work.						
	Cover Slabs						
	CD1	1	6.50	1.30	.	7.80 m2	
	CD2	1	5.80	1.30	.	7.54	
	CD3	1	5.50	1.30	.	7.15	
	CD4	1	5.50	1.30	.	7.15	
	CD5	1	5.20	1.30	.	6.76	
	CD6	1	5.10	1.80	.	9.18	
	CD7	1	5.00	1.80	.	9.00	
	CD8	1	4.80	1.80	.	8.64	
	CD9	1	5.30	1.30	.	6.89	
	CD10	1	5.00	1.30	.	6.50	
	CD11	1	3.90	1.30	.	5.07	
	CD12	1	5.50	1.30	.	7.15	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	5.60	1.50	-	8.40	
						97.234 m²	
					Ltd to	97.20 m²	
					@	$ 218.08/m²	507,194.00
*)	Providing precast slab of 100mm thick including Costing of material, labour, curing, transportation, loading Complete as per the direction of Engineer-in-charge of WDB.						
	Missing slab	2×1	11.80	0.90	-	21.24	
		2×1	11.00	0.90	-	19.80	
		2×1	11.60	0.90	-	20.88	
						61.92 m²	
					Ltd to	61.00 m²	137,296.00

@ 2250.76/m²

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M. A. R. 57 (Rule 116) **No. E** 535907

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(8) Loading unloading of stone boulders by manual means Complete as per work. No/ Chapter-) Complete as per specifications and directions of Engineer-in-charge of work. C & F						
		Qty vide Page No (1) :				435.08 m³	25201.00
						@ 558.18/ m³	
	Certificate					Total Rs	12,88,630.00
24/12/2020	Certified that the Contractor has worked						
	done satisfactorily.						

ಸಹಾಯಕ ಅಧಿಯಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬೆಂಗಳೂರು-84

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CD1 – CD11 CD10 CD9						
	CD6						
	CD5						
	CD4						
	CD3						
	CD2 CD1						
	Abubukar magid						
	CD7						
	Abubukar magid Road			Thaviduvara Main Road → Hegdenagar		Ready to	
	Balam Jochny - Road						
21/11/202							
	down Mill Road						
	CD8						

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